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R. H. WIRT, Cookeville, Tenn.

OUTLOOK FOR THE NEXT WHEAT AND OAT CROP

By CHARLES A. WHITTLE,
Soil Improvement Committee, Atlanta, Georgia.

The approach of wheat and oat sowing time raises a question in the farmer's mind as to the outlook for those crops. It is well known that under the stimulus of Government price an enormous wheat crop has been produced, a crop of approximately 1,200,000,000 bushels.

It is estimated that this country requires 600,000,000 bushels and that Europe will require from 410,000,000 to 460,000,000 bushels. If these figures prove correct, there will be a very little surplus left of the big crop of wheat this country has grown.

Since it appears to be probable that there will be no trouble to dispose of the present crop the next question is, what are the planting prospects for other wheat growing nations?

Of course the nations south of the equator, like Argentina and Australia, that have their summer when we are having our winter, have already sown their fall crops, and will harvest them near Christmas time. These nations have, thus far, good prospects; but they would hardly compare with any two leading wheat-growing states of this country; therefore, they are not important factors.

Russia is the great granary of Europe and Asia. Those who have watched the political trend of that country see nothing but war and paralyzed agriculture ahead another year, if not for several years.

European countries in general are short of labor. Demobilization of armies progresses slowly and the period for fall sowing of small grain in Europe will have passed before any material change can be made through recovery of labor from the armies.

Therefore, there is going to be a continued shortage of small grain in Europe, making it probably necessary for this country to supply as much grain next year as this.

But instead of the nation maintaining its wheat acreage, it is feared the withdrawal of the Government's guarantee will result in a reduction.

In the South it is not only a good farm practice to grow wheat, oats and rye enough for home needs, but it is very desirable, (1) to have winter cover crops that will take up the plant food that would otherwise wash out of the soil with the winter rains; (2) to provide light winter grazing for livestock; (3) to furnish in early spring some fresh cereal hay which will be the better if it has vetch or bur clover growing with it; (4) to furnish vegetable matter or humus to turn into the soil at the spring plowing.

If all the cotton and corn fields were sown to small grain in the fall, it would mean more cotton and corn, better soil, larger returns from fertilizers and greater farm profits.

Too little attention is given to obtaining good wheat, oats and rye seed; too little attention is given to preparing a good seed bed, and too little fertilizers are used in growing the small grain crops in the South. What is worth doing at all, is worth doing well.

WHAT IS ACID PHOSPHATE?

Raw phosphate rock is a substance in which phosphoric acid and lime are combined together in practically the same proportions in which they are found in bone, and which is known as phosphate of lime.

In this condition the lime and the phosphoric acid hold to each other with such a tight grip that the phosphorus cannot be dissolved by water. It will readily be seen that but for such a combination the phosphorus would have been dissolved out and washed to the sea bottom over many centuries to inhabit the earth. But it has been locked up and held for us in this way, just as the coal has been

held under the hills, and in the case of the phosphorus we have been given the key for its unlocking by the use of sulphuric acid, which converts the insoluble rock into a soluble form.

If the soluble phosphoric acid were separated from the lime which carries it and dissolved in water it would be much more inconvenient to handle than to have it still combined with lime in the dry powder which we call acid phosphate, this lime simply serving the function of a bottle to carry the phosphorus, and saving the much larger expense that would be involved in the complete extraction of the phosphoric acid, converting it into liquid form and providing bottles in which to carry it. Monthly Bulletin Ohio Experiment Station.

THRIFT MOVEMENT REVIVED IN STATE

GOVERNMENT AGENTS HAVING GREAT SUCCESS FORMING CLUBS IN TENNESSEE.

There has been a great revival of interest in the Government Thrift Movement in this state since the field men of the War Savings Organization have been at work in middle and west Tennessee forming savings clubs among the employees in the stores, factories and offices. Wherever these men have been they have left a trail of organized savers. People of every class, from small wage earners to wealthy business men have joined these clubs and pledged themselves to save something each week or month to invest in Thrift and Savings Stamps.

The work in Nashville is about complete. Reports indicate that several hundred new societies have been formed, with a membership reaching into the thousands. Many agencies for the sale of Thrift and Savings Stamps have been established and numerous applications received for the new \$100 and \$1,000 Treasury Saving Certificates. Every bank in Nashville is represented in the Tennessee Limit Club of purchasers of \$1,000 of Savings Stamps.

Silas W. Davis, Government Director of Savings for the Sixth Federal Reserve District, under whose direction the work in Tennessee is being carried on, is pleased with the results accomplished.

The field men are moving toward East Tennessee. They will shortly visit Gallatin, Hartsville, Lebanon, Murfreesboro, Shelbyville, Fayetteville, Manchester, Winchester, Smithville, McMinnville, Kingston and other cities. Then they will go to Knoxville for ten days. Upon the completion of the work in this city they will go to points in the northeast section of the state. The state-wide movement will be finished in Chattanooga and points in that section of the state.

In every business house where five or more people are employed, Thrift clubs are being formed. The people are being encouraged to practice Thrift and invest their savings regularly in Government savings stamps.

THRIFT MEANS GOING ON--NOT AROUND

TENNESSEE FARMER FINDS OUT WHY BIRDS AND SQUIRRELS NEVER GET A VACATION.

A professor was visiting a prosperous Tennessee farmer a short time ago. They had just enjoyed one of those dinners for which Tennessee is famous and were having a smoke, when the professor spoke up.

"See that little fellow," said the professor, pointing to a sparrow on top of the horse-rack. The bird was tugging at a long hair caught there from the professor's tail.

"Thrifty little builder," answered the farmer.

"She certainly works out a fine interior finish with that hair," the professor agreed, "but I am wondering about her thrift."

The farmer didn't answer, but continued with his own idea. "A little later the squirrels will begin at dawn and work all day putting away their winter food—they are real examples to folks."

"That's true as far as they go," said the professor. "But that sparrow over there will work just as hard to build a nest next year. If he were really thrifty he would put a rain-proof over his nest, and next year he would be building houses to rent. But he never gets ahead. He would be doing the same thing a hundred years from now if he lived that long."

"It's the same with the squirrel—works all summer putting away more than he needs. The nuts rot, and he starts all over again next summer. If we had copied the squirrel, we'd still be cave-dwellers."

"But I raise a wheat crop every summer," broke in the farmer.

"What do you do with it?" the professor asked.

"Do with it," repeated the farmer. "I grind up a year's supply of flour, put away enough to sow again and sell the rest."

"And what becomes of the money?" pursued the professor. He knew there was not a better farm in the state than this one nor a more prosperous farmer.

"Some of my wheat money runs the family, some of it is put by for up-keep and new machinery, and a good part always goes into safe investments for me and mine. For two years I put it in Liberty Bonds and Savings Stamps. I have bought the limit of \$1,000 of stamps this year. I figure we'll be ready to turn the farm over to the boys in a few years and take the trip we have been planning."

"Not a bit like the squirrel," said the professor who was chuckling. "You keep going on and he keeps going round. Thrift is a deliberate thing. It marks out the real difference between human beings and animals. People progress and animals stand still. It takes a genuine human thrift to go on."

Notice of Constitutional Convention Election To Be Thursday, Sept. 4th.

By virtue of the act of the legislature of Tennessee, passed April 16th, 1919, being an Act entitled an act to authorize the people to decide by vote whether they will call a constitutional convention and provide for the submission of said question to the voters of the state, and the announcement of the result.

We the undersigned Election Commissioners for Jackson county, Tennessee, by the authority vested in us by said Act of the legislature, do hereby call an election to be held for Jackson County, Tennessee, to be opened and held at the various voting precincts in said county, on the first Thursday in September, 1919, it being the fourth day of said month. Said election will be held for the purpose of ascertaining the will of the qualified voters of Jackson County, Tennessee, as to whether or not they are in favor of calling a constitutional convention as provided for in said Act of the legislature passed and approved as aforesaid. In said election qualified voters of said county may vote "FOR A CONVENTION" or "AGAINST A CONVENTION" as provided in said Act.

On the same day an election will be held in the 1st district to elect a Justice of the Peace to fill out the unexpired term of B. C. Butler, resigned; also in the 14th district to fill out unexpired term of B. D. Ramsey, dec'd. The same officers, clerks and judges will hold both elections, but separate ballot box must be provided.

The following Officers, clerks and judges are hereby appointed to hold said elections.

First District

Officer—J. B. Dudley.
Clerks—Joe Draper, H. Grady Gore.
Judges—D. C. Morgan, Minor Trisdale R. T. Roddy.

Second District

Officer—Clark Sadler.
Clerks—Geo. Hix, J. E. Richmond.
Judges—J. A. Craighead, Buck Huffines, J. V. Pistole.

Third District

Officer—A. M. Cox.
Clerks—A. C. Howell, J. T. Laddsen.
Judges—E. A. Cook, M. G. Casetty.

Ras Williams.

Fourth Dist.

Officer—H. L. Sadler.
Clerks—T. C. Clark, Henry Davis.
Judges—Newt Forkum, Beford Carter, Pat Clark.

Fifth Dist.

Officer—J. C. Clemons.
Clerks—Jas. Griseam, Guy Maddux.
Judges—Eldon Draper, J. L. Clemons, Henry Holleman.

Sixth Dist.

Officer—Asa Lynn.
Clerks—Floyd Lynn, Will Brown.
Judges—Matt Masters, J. K. Ellis, Steve Webb.

Seventh Dist.

Officer—B. D. Wheeler.
Clerks—Frank Fuqua, Albert Brown.
Judges—J. H. Davidson, Fate Stout, Sidney Ragland.

Eighth Dist.

Officer—B. S. Hall.
Clerks—Am Hamilton, Barlow Bybee.
Judges—Major Flynn, Jas. Scanland Joe Whitaker.

Ninth Dist.

Officer—Warren Morgan.
Clerks—Joe Lynn, Chas. Maxwell.
Judges—Henry Johnson, A. M. McCain, Monroe Mayberry.

Tenth Dist.

Officer—Arch Garrison.
Clerks—Morgan Phippen, Mack Sliger.
Judges—Marion Bullington, Marion Montgomery, R. N. Mabry.

Eleventh Dist.

Officer—T. J. Draper.
Clerks—T. H. Haile, Ben F. Baugh.
Judges—D. C. Lynn, H. H. Brown, J. P. Gailbreath.

Twelfth Dist.

Officer—John B. Billingsley.
Clerks—J. W. Chaffin, John Fox.
Judges—Lee Smith, Thos. Birdwell, Henry Phippen.

Thirteenth Dist.

Officer—Joe Lee.
Clerks—A. M. Hall, Rad Willmore.
Judges—B. S. Stone, J. E. Sadler, J. B. Birdwell.

Fourteenth Dist.

Officer—Ambrose Cornwell.
Clerks—Gene Huffines, John Butler.
Judges—P. H. Smith, White Myers, O. G. Fox.

Fifteenth Dist.

Officer—E. D. Allen.
Clerks—Dave Hall, Jesse Cason.
Judges—Barlow Williford, Will Lawson, Henry Dodson.

B. L. Quarles.

W. A. Overton.

J. W. Stafford.

Election Commissioners for Jackson County, Tennessee.

BYCUS.

Every body is happy over the recent rain, and crops are looking looking fine.

A large crowd attended church at Campground.

Revs. Henry and Hawkins conducted a singing school at Campground last week.

Lex Ray purchased a new Ford car last week.

Marsh Gaines visited W. H. Birdwell.

Lex Ray has purchased a new Pathephone.

Rev. Henry is conducting a series of meetings at Haydenburg.

The Brownsville school is progressing nicely under the supervision of Miss Estelle Gailbreath.

Cantice and Vester Huffines are visiting relatives at Dixon Springs.

Come on Slicker Snake with another one, we look for you in every issue of the paper.

High School Opens.

The Jackson County High School opened Monday with an enrollment 152 in all departments, which is the largest in the history of the school on the first day.

The opening of the school was attended by a large number of the patrons. Able addresses were delivered by Rev. O. P. Gentry, F. L. Tardy, J. E. Gaines and members of the faculty.

The faculty this year is unusually strong, and is composed of the following: Prof. Harry Moore, principal; J. E. Tinsley, assistant principal; Mrs. Moore and Miss Jackson, intermediate grades; Miss Mayme Morgan, primary; Miss Georgia Carter, music.

Dr. H. P. Loftis was in Cookeville this week visiting relatives. Nashville.

L. W. Wooten continues in feeble health.

BIG AUCTION SALE J. D. TORRY FARM AND ACREAGE TRACTS Fronting Rosebank Ave. & Porter Road, On The Premises Monday, Sept. 8th 10:30 A. M.

We are subdividing into acreage tracts and smaller farms and will offer for sale the splendid farm and home of Mr. and Mrs. T. D. Torry, consisting of 262 acres, fronting on and extending from Rosebank Avenue to Porter Road, only one-half mile from car line and almost adjoining the corporate limits of the city.

Improvements consist of a splendid new two-story residence with hot and cold water, furance, baths, electric lights, sun parlors, basement, servants' quarters, etc. It has tenant houses, two stock barns, dairy barn, silos, splendidly fenced and cross-fenced with new net wire, and watered by one of the finest big springs around Nashville.

The land is level to gently rolling, very rich and productive, having several river bottoms. Every tract having a nice pike frontage and building site. This is your opportunity to own a beautiful and valuable acreage tract, or a splendid country home and farm, close in to the city, on fine pike and close to car line, at your own price.

Live in the country on a fine pike away from the noise and dust of the city. Have your milch cows, chickens, pigs, fruit and truck garden, and at the same time have all the advantages of the city. Owners leaving the state, have given us written instructions to sell, and sell for the HIGH DOLLAR, absolutely without reserve.

Live stock, farming implements and everything will be sold. Lunch and cold drinks will be served on the grounds.

TERMS—One-fourth cash, balance in 1, 2, 3 and 4 years.

For further information and to be shown the property phone or call on J. D.

Torry, owner of the property, or

W. W. Dillon & Co.

304 Third Ave., N.

AGENTS

Nashville, Tenn.